

1. (Amended) A cluster computer system comprising:

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a plurality of network accessible computers each having a unique address with respect to a network, each including a central processing unit and non-volatile memory, where each of said network accessible computers is coupled to said network, where said network accessible computers implement host computer programs which permit the network accessible computers to operate as host computers for client computers coupled to said network, where a client computer controls the functionality of a host computer after being downloaded from said host computer a client program to run on said client computer that includes the ability to communicate with said host computer program, whereby an input device of said client computer can be used to generate inputs to said host computer, and such that image information generated by said host computer can be viewed in a window of said client computer; and

a cluster administration computer coupled to said network to monitor the operation of said network accessible computers.

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13. (Amended) A method for providing access to host computers by client computers over a computer network comprising:

receiving a request for a host computer coupled to a computer network from a client computer coupled to said computer network, said request received by a cluster administration computer, wherein the relationship of said host computer to said client computer is to be such that after said client computer becomes associated with a host computer by being downloaded from said host computer a client program that includes the ability to communicate with a host computer program running on said host computer, an input device of said client computer can be used to generate inputs to said host computer, and such that image information generated by said host computer can be viewed by said client computer;

determining a suitable host computer for said client computer by said cluster administration computer;

informing said client computer of the network address of said suitable host computer by said cluster administration computer, whereby said client computer can become associated with said host computer; and

①<sup>2</sup> monitoring the functionality of a plurality of network accessible computers by said cluster administration computer.

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